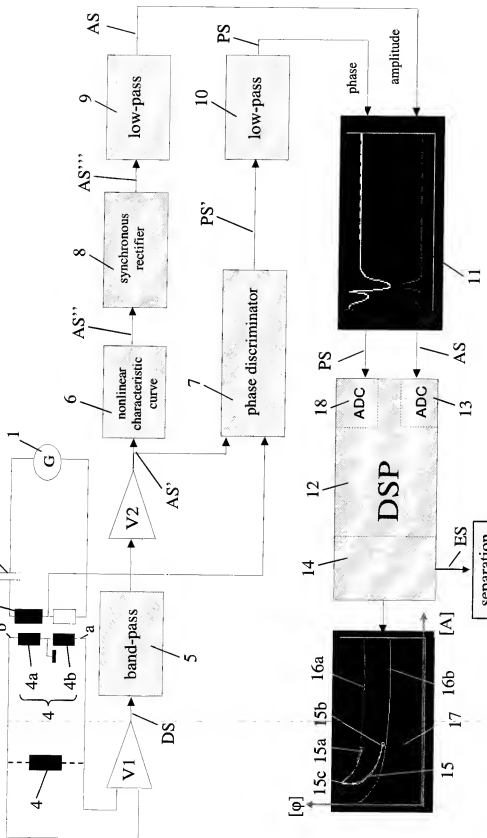
G
1
2
b
a
3
4
4a
4b
V1
DS
band-pass
5
V2
AS'
6
nonlinear characteristic curve
AS''
8
synchronous rectifier
AS'''
9
low-pass
AS
7
phase discriminator
PS'
10
low-pass
PS
phase
amplitude
11
PS
18
ADC
AS
13
ADC
12
DSP
14
ES
separation
[A]
16a
16b
17
15
15a
15b
15c
[φ]

Fig. 1